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PATENT ABSTRACTS OF JAPAN

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(21)Application number: 2000-259107 (71)Applicant: TOSHIBA CORP

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(54) POINT/MULTIPOINT SUBSCRIBER RADIO SYSTEM AND TRANSMISSION BAND ALLOCATING SYSTEM IN POINT/MULTIPOINT RADIO COMMUNICATION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a point/multipoint subscriber radio system where the transmission line of a radio line can be secured and a transmission band can effectively be used in data communication which flows in terms of burst, and to provide a transmission band allocating system in point/multipoint radio communication.

SOLUTION: When data to be transmitted is generated, a subscriber station device 20i gives the acquirement request of a preferential reservation slot by a request slot Di (preferential slot request). When data increases in terms of burst and the transmission band lacks only by the preferential reservation slot, the subscriber station device 20i gives the acquirement request of a common

基據高速置 10 加入使局装置 20 加入者院機理 20] 優先スロット要求 子劍蘇摩彌如 (許可) **美的种用温剂(許可)** 先供格スロットの学 予約翰集區別(開放) 医进棒基 優先スロット 響炸 予約結束選別(計算) **共有**スロット**変対** 約餘果溫知(許可) 共用人 優先スロット要求 予測結果過却(特似変響) JKUA (**B**CAK 2— 400) **予約以不通知(許可)** 水番2四ヶ十番家 **护禁事通知〈不許可〉** 井曜を 優先は無スロイト的歌 干的触点压抑(计数)

reservation slot by the request slot Di (shared slot request). When a base station device 10 receives the request slot Di and the shared reservation slot is idle, it transmits the reservation result of permission to the subscriber station device 20i by using a random access slot R (reservation result notice (permission)).